

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

8AC4-DIV1

First Named Inventor or
Application Identifier:

Mills

Title: DOPED THERMIONIC CATHODE AND METHOD OF MAKING THE
DOPED THERMIONIC CATHODE
APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.
ADDRESS TO:
**Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231**

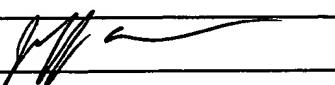
1. Fee Transmittal Form
2. Specification, Claims & Abstract [Total Pages: 257]
3. Drawing(s) (35 USC 113) [Total Sheets: 89]
4. Oath or Declaration [Total Pages: 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional with Box 17 completed*)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation by Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (*Appendix*)
7. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement (*when there is an assignee*) Power of Attorney
10. English Translation Document (*if applicable*)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
14. Small Entity Statement(s) Statement filed in prior application, status still proper and desired.
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP) of prior application No: 09 /111,003
18. CORRESPONDENCE ADDRESS

Farkas & Manelli, PLLC
Jeffrey S. Melcher
CUSTOMER NO.: 20736

Name (Type)	Jeffrey S. Melcher	Registration No. (Att./Agent)	35,950
Signature		Date	February 9, 2000

**NEW APPLICATION
FEE TRANSMITTAL**

		Attorney Docket No.	8AC4-DIV1
		Application Number	
		Filing Date	February 9, 2000
AMOUNT ENCLOSED	\$2,604	First Named Inventor	Mills

FEE CALCULATION (fees effective 10/01/97)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALC.'S
	TOTAL CLAIMS	271 - 20 =	251	X \$ 18.00 =	4,518
	INDEPENDENT CLAIMS	2 - 3 =	0	X \$ 78.00 =	
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)				+ \$270.00 =
					BASIC FILING FEE 690
					Total of above Calculations = 5,208
	Surcharge for late filing fee, Statement or Power of Attorney (\$130.00)				+
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).				2,604
					TOTAL FILING FEE = \$
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				+
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))				
					TOTAL FEES DUE = \$2,604

METHOD OF PAYMENT

- Check enclosed as payment.
- Charge "TOTAL FEES DUE" to the Deposit Account No., below.
- No payment is enclosed and no charges to the Deposit Account are authorized at this time.

GENERAL AUTHORIZATION

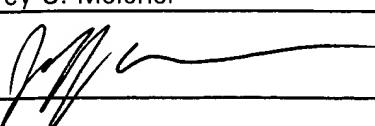
- If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No. 50-0687 Order No. : 62-226

Deposit Account Name FARKAS & MANELLI

- The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(b)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: FARKAS & MANELLI, PLLC

Typed Name	Jeffrey S. Melcher	Reg. No.	35,950
Signature		Date	February 9, 2000